

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of:

Date: July 22, 2003

JOHN D. RUSSELL,
FREEMAN CARTER GATES, and
ALLAN J. KOTWICKI

For : SYSTEM AND METHOD FOR AIR FLOW AND EGR FLOW
ESTIMATION

Mail Stop PATENT APPLICATION
Commissioner for Patents
P.O. Box 1450
Alexandria, Virginia 22313-1450

Sir:

INFORMATION DISCLOSURE STATEMENT
UNDER 37 C.F.R. §§ 1.56, 1.97, and 1.98

Applicants are submitting this Information Disclosure Statement pursuant to 37 C.F.R. §§ 1.56, 1.97, and 1.98 to disclose to the Patent Office the patents, publications, applications, and/or other references listed on the enclosed, completed PTO-1449 forms. The filing of this Information Disclosure Statement should not be construed as a representation that a search has been made or as an admission that the listed references are prior art for this application. Applicants respectfully request that the listed references be expressly considered during prosecution of the application, and that the references be made of record therein and appear among the "references cited" on any patents issuing therefrom.

CONTENT OF DISCLOSURE

This Information Disclosure Statement includes 3 pages of PTO-1449 forms; however, it does not include copies of the references listed on the forms, as permitted under 37 C.F.R. § 1.98(d), because copies already were provided in an earlier U.S. application (Serial No. 09/539,227) that is relied on here for an earlier effective filing date under 35 U.S.C. § 120.

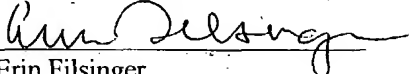
TIMING OF DISCLOSURE / FEE INFORMATION

This Information Disclosure Statement is being filed with the application. Therefore, in accordance with 37 C.F.R. § 1.97(b), no fee or statement under 37 C.F.R. § 1.97(e) is required.

Please contact the undersigned with any questions or comments regarding this Information Disclosure Statement.

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I hereby certify that the attached correspondence is being deposited with the United States Postal Service "Express Mail Post Office to Addressee" service under 37 C.F.R. 1.10 on the date indicated above and is addressed to: Mail Stop PATENT APPLICATION, Commissioner for Patents, P.O. Box 1450, Alexandria, Virginia 22313-1450.


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Respectfully submitted,

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FORM PTO-1449		DOCKET NUMBER 198-1042 div.		APPLICATION NUMBER			
INFORMATION DISCLOSURE CITATION IN AN APPLICATION		APPLICANT(S) John Russell, Freeman Gates, and Allan Kotwicki					
		FILING DATE		GROUP ART UNIT			
U.S. PATENT DOCUMENTS							
EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUB CLASS	FIL. DATE IF APPROP.	
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	4,390,001	06/1983	Fugimoto				
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FOREIGN PATENT DOCUMENTS							
	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB CLASS	TRANSLATION YES NO	
	2312284	1997	UK				
	0234511 A1		EP				
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OTHER DOCUMENTS							
	"Experimental Methods for Engineers" J.P. Holman, pp. 184-236, Second Edition Mc Graw-Hill Book Company.						
	"The Internal-Combustion Engine in Theory and Practice", Vol. 1: Thermodynamics, Fluid Flow, Performance, Second Edition, Revised, The MIT Press, by C.F. Taylor.						
EXAMINER			DATE CONSIDERED				

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	5,273,019	12/28/1993	Matthews et al			
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	5,497,329	03/1996	Tang			
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	10-53032	1998	Japan			
	050125996 A		Japan			
	060294317 A		Japan			
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OTHER DOCUMENTS						
	"System Dynamics"; Prentice Hall, ISBN 0-13 8803585-4, Ogata, pp. 250-255, 1978.					
	"Modeling and Validation of Automotive Engine for Control Algorithm Development"; J. Moskwa, J. Hedrick; pp. 237-247; Advanced Automotive Technologies - 1989; DSC-VOL. 13; Annual Meeting of The American Society of Mechanical Engineers, San Francisco, CA, Dec. 10-15, 1989.					
EXAMINER			DATE CONSIDERED			

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	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB CLASS	TRANSLATION YES NO	
OTHER DOCUMENTS							
EXAMINER				DATE CONSIDERED			